08/23/2005 16:41 FAX 4432594278 LEGAL CORVIS Ø 003 I ARI D - PERIOTIRATIONALIAN Mail Stop ISSUE FEE Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 AU6 2 3 2005 Alexandria, Virginia 22313-1450 (703) 746-4000 or Fax INSTRUCTIONS: This form Mould be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated units? Application of the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fees will be mailed to the current correspondence address. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 06/01/2005 7590 021398 Certificate of Mailing or Transmission CORVIS CORPORATION I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. INTELLECTUAL PROPERTY DEPARTMENT 7015 ALBERT EINSTEIN DRIVE COLUMBIA, MD 210469400 08/24/2005 TBESHAH2 00000030 500477 (Depositor's name) 10811703 (Signature 1400.00 DA 02 FC:1504 (Date 300.00 DA CONFIRMATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. FILING DATE APPLICATION NO. 1363 990607PKCON Pramode Kandpal 10/811,703 03/29/2004 TITLE OF INVENTION: OPTICAL TRANSMISSION SYSTEMS AND OPTICAL RECEIVERS AND RECEIVING METHODS FOR USE THEREIN TOTAL FEE(S) DUE DATE DUE APPLN, TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE \$1700 09/01/2005 NO \$1400 \$300 nonprovisional CLASS-SUBCLASS EXAMINER ART UNIT SINGH, DALZID E 2633 398-031000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Columbia, MD Corvis Corporation Please check the appropriate assignee category or categories (will not be printed on the patent): 🗖 Individual 🔯 Corporation or other private group entity 🗖 Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Nissue Fee A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) In Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) ■ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. 0 Authorized Signature Michael Antone 39094 Registration No. Typed or printed name

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE







Corvis Corporation 7015 Albert Einstein Drive P.O. Box 9400 Columbia, MD 21046-9400 T 443.259.4000 F 443.259.4443

www.corvis.com

To:	Commissioner for Patents	From:	Michael C. Antone		
Organization:	U.S. Patent and Trademark Office	Date:	August 23, 2005		
Fax:	703-746-4000	Fax	443-259-4278		
Phone:		Phone:	443-259-4150		
Pages:	4 (including cover page)				
Re:	U.S. Application Serial Number 10/811,703				

	CERTIFICATE OF TRANSMISSION (37 CFR 1.8)
Date of Transmission	August 23, 2005
I hereby certify that the following and Trademark Office at the fax t	papers and their attachments are being transmitted by facsimile to the United States Patent number and on the date indicated above.
1. Transmittal Form; and 2. Fee Transmittal (x2). Signature:	de Sali
Typed or printed name:	Melinda Salin

The attached document is intended only for the recipient. If you inadvertently receive this facsimile, please return it to the sender at the above address or destroy immediately and notify the sender. Your expenses in complying with the request in this disclaimer will be reimbursed.

PLEASE REPORT PROBLEMS WITH RECEPTION BY CALLING THE SENDER IMMEDIATELY.

2005 10:41 FAA 4432394276	LEGAL CORVIS			₽ . 002			
PERCE							
2 3 2005	u.s.	B	. J	PTO/SB/21 (09-04) prough 07/31/2006, OMB 0651-0031 S. DEPARTMENT OF COMMERCE			
	no persons are required to respond to a co Application Number	10/811,703	mation unless it di	ISOlovo & Tolici Olivi			
TRANSMITTAL	Filing Date	March 29, 2	March 29, 2004				
FORM	First Named Inventor	Premode Kandpal					
101111	Art Unit	2633					
and the second s	Examiner Name	Dalzid E. Si	Dalzid E. Singh				
(to be used for all correspondence after Initial Total Number of Pages in This Submission	3 Attorney Docket Number	990607PK0	990607PKCON				
Total Number of Pages III This Gubinasien	ENCLOSURES (Check a	i that apply)					
(Issue)	ENGLOSURES (Check a	i mat appiy)		llowance Communication to TC			
Fee Transmittal Form (x2)	Drawing(s)		Appeal	Communication to Board			
Fee Attached	Licensing-related Papers	:	Appeal	eals and Interferences Communication to TC			
Amendment/Reply	Petition Petition to Convert to a		(Appea	l Notice, Brief, Reply Brief)			
After Final	Provisional Application		Proprie	elary Information			
Affidavits/declaration(s)	Power of Attorney, Revocate Change of Correspondence		Status				
Extension of Time Request	Terminal Disclaimer	Terminal Disclaimer		Enclosure(s) (please Identify :			
Express Abandonment Request	Request for Refund						
Information Disclosure Statement	CD, Number of CD(s)			the second of the second			
	Landscape Table on C	D		·			
Certified Copy of Priority Document(s)	Remarks			e diameter Section			
Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53				The probability of the control of th			
SIGNA	TURE OF APPLICANT, ATT	ORNEY, C	R AGENT	<u> </u>			
Firm Name		·····		1			
Signature mild	P. Artin						
Printed name Michael C. Antone							
Pate August 23, 2005			39,094				
	CERTIFICATE OF TRANSMIS	SION/MA	ILING	Faxed to: 703-746-4000			
I hereby certify that this correspondence is sufficient postage as first class mail in an enthe date shown below:	being facsimile transmitted to the USI nvelope addressed to: Commissioner	TO or depos for Patents, I	sited with the Un P.O. Box 1450, A	nited States Postal Service with Alexandria, VA 22313-1450 on			
61.	elinda Sal	•	- 				
Typed or printed name Melinda Salin			Date	August 23, 2005			
Stylen or britisen manna			L	·			

This collection of Information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.